ERRATUM: "SIDON SETS AND BOHR CLUSTER POINTS"

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BY

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Colin C. Graham and L. Thomas Ramsey have pointed out a gap in the proof of the main result of this paper so that the question as to whether there exist Sidon sets E dense in the Bohr topology on the integers $\mathbb{Z}$ remains open. The gap occurs at the end of the proof where it is claimed that the function $f = 1$ on E has as extensions to weakly almost periodic (WAP) functions on $\mathbb{Z}$ only functions of the form $f + h$ where h is WAP of mean square zero.

As a general background reference for the problem see the book by Colin C. Graham and Kathryn E. Hare, *Interpolation and Sidon Sets for Compact Groups*, CMS Books in Mathematics/Ouvrages de Mathématiques de la SMC, Springer, New York, 2013.

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